

Title (en)

Internal combustion engine with an adjuster unit to vary the phase of the camshafts drive

Title (de)

Brennkraftmaschine mit einer Nockenwellen-Antriebsverstelleinheit

Title (fr)

Moteur à combustion interne avec dispositif de déphasage de l'entraînement des arbres à cames

Publication

EP 0624717 B1 19970604 (DE)

Application

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Priority

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Abstract (en)

[origin: EP0624717A1] An adjuster unit is described for two camshafts (53, 54) of an internal combustion engine, adjustable differently from one another in their phase angle relative to a crankshaft (52). In V-type engines, the said adjuster unit (55), from which endless chain or belt drives (56) lead to the camshafts (53, 54), is arranged in the V space. The adjuster unit (55) is designed as a pre-assembled unit and can be flange-mounted on the end face of the internal combustion engine housing. Advantageous design embodiments of such an adjuster unit (55) are indicated. <IMAGE>

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IPC 8 full level

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Cited by

EP1013899A3; EP1452698A1; US6877467B2; US7434555B2; FR2898385A1; JP2007533906A; US7377243B2; GB2316446A; GB2316446B; US5970931A; US6367435B2; US6928971B2; WO2005103455A1

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